



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

December 8, 2009

Memo to: Pre-bid Attendees
From: Rick Nelson, Asst. State Bridge Management Engineer
Subject: Grid Floor Clarification
Project R-3307A Carteret Co. Bridge 29 Grid Floor Replacement & Painting

The following is provided as clarification for fabrication of the proposed grid floor:

- Weight of the grid floor without trim and studs shall be approximately 18.50 #/sf.
- Bottom "C" Bars will be sawed, shearing of the bars will not be accepted.
- End trim bars will be provided on grid panel sides (long side) at 4 locations: One each on the end panels-roadway side, One each on the panels at leaf ends.
- Trim bars should be installed flush with the top of the grid floor.
- Bottom "C" bar spacing as required to attain the design loading and weight requirements.
- Main bearing bars as required to attain the design loading and weight requirement.
- 1/4" fillet welds required at diagonal bar splices as shown in the plans.